

-	133169	((phase or freq or frequency) near2 (detector or detection or detected or detect)) or "PFD"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/09 03:44
-	6608	388/\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/09 03:44
-	8352	318/696,138,253,254,439.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/09 03:45
-	14638	388/\$.ccls. or 318/696,138,253,254,439.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/09 03:45
-	1024	((phase or freq or frequency) near2 (detector or detection or detected or detect)) or "PFD" and (388/\$.ccls. or 318/696,138,253,254,439.ccls.)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/09 03:45
-	112457	(non-linear) or (non adj linear) or (non-linearity) or (non adj linearity)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/09 03:46
-	37995	second adj order	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/09 03:46
-	145098	((non-linear) or (non adj linear) or (non-linearity) or (non adj linearity)) or (second adj order)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/09 16:32
-	3382716	reference	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/09 03:56
-	8442	((phase or freq or frequency) near2 (detector or detection or detected or detect)) or "PFD" and (((non-linear) or (non adj linear) or (non-linearity) or (non adj linearity)) or (second adj order)) and reference	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/09 15:52
-	47	((phase or freq or frequency) near2 (detector or detection or detected or detect)) or "PFD" and (((non-linear) or (non adj linear) or (non-linearity) or (non adj linearity)) or (second adj order)) and reference and (388/\$.ccls. or 318/696,138,253,254,439.ccls.)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/09 03:54
-	3800	((non-linear) or (non adj linear) or (non-linearity) or (non adj linearity)) with reference	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/09 03:56
-	3537907	reference or (function adj generator) or oscillator	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/09 03:59
-	2601	(reference or (function adj generator) or oscillator) near5 ((non-linear) or (non adj linear) or (non-linearity) or (non adj linearity))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/09 04:00
-	7	388/\$.ccls. and ((reference or (function adj generator) or oscillator) near5 ((non-linear) or (non adj linear) or (non-linearity) or (non adj linearity)))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/09 04:00
-	3844	(reference or (function adj generator) or oscillator) near9 ((non-linear) or (non adj linear) or (non-linearity) or (non adj linearity))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/09 04:00

-	12	388/\$.ccls. and ((reference or (function adj generator) or oscillator) near9 ((non-linear) or (non adj linear) or (non-linearity) or (non adj linearity)))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/09 09:45
-	1514	describing adj function	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/09 09:45
-	2	(describing adj function) and 388/\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/09 09:46
-	29	(describing adj function) and 318/\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/09 09:46
-	30	((describing adj function) and 388/\$.ccls.) or ((describing adj function) and 318/\$.ccls.)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/09 15:48
-	2	((describing adj equation) and 388/\$.ccls.) or ((describing adj equation) and 318/\$.ccls.)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/09 15:50
-	1180	388/805,812,813,814,820,832.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/09 15:53
-	133169	((phase or freq or frequency) near2 (detector or detection or detected or detect)) or "PFD"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/09 15:56
-	226	388/805,812,813,814,820,832.ccls. and ((phase or freq or frequency) near2 (detector or detection or detected or detect)) or "PFD"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/09 15:52
-	239	((phase or freq or frequency) near2 (detector or detection or detected or detect)) or "PFD" and (388/805,812,813,814,820,832.ccls. or 388/911.ccls.)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/09 15:55
-	8352	318/696,138,253,254,439.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/09 15:56
-	702	((phase or freq or frequency) near2 (detector or detection or detected or detect)) or "PFD" and 318/696,138,253,254,439.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/09 15:56
-	230	((phase or freq or frequency) near2 (detector)) or "PFD" and 318/696,138,253,254,439.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/09 15:56
-	220	((phase or freq or frequency) near2 (detector)) or "PFD" and 318/696,138,253,254,439.ccls.) not (((phase or freq or frequency) near2 (detector or detection or detected or detect)) or "PFD") and (388/805,812,813,814,820,832.ccls. or 388/911.ccls.)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/09 15:57
-	4974	((phase or freq or frequency) near2 (detector)) or "PFD" and ((non-linear) or (non adj linear) or (non-linearity) or (non adj linearity)) or exponential or exponentially	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/09 16:33

-	17	((((phase or freq or frequency) near2 (detector)) or "PFD") and (((non-linear) or (non adj linear) or (non-linearity) or (non adj linearity)) or exponential or exponentially)) and (388/805,812,813,814,820,832.ccls. or 388/911.ccls. or 318/696,138,253,254,439.ccls.)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/09 16:58
-	25305	least adj square	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/09 16:58
-	1644	((phase or freq or frequency) near2 (detector or detection or detected or detect)) or "PFD" and (least adj square)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/09 16:58
-	2	((((phase or freq or frequency) near2 (detector or detection or detected or detect)) or "PFD") and (least adj square)) and (388/805,812,813,814,820,832.ccls. or 388/911.ccls. or 318/696,138,253,254,439.ccls.)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/10 14:02
-	57558	((phase or freq or frequency) near2 (detector)) or "PFD"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/10 14:37
-	6580	388/800,805,812,813,814,820.ccls. or 318/138,254,439.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/10 14:37
-	300	((phase or freq or frequency) near2 (detector)) or "PFD" and (388/800,805,812,813,814,820.ccls. or 318/138,254,439.ccls.)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/10 15:14
-	173284	((non-linear) or (non adj linear) or (non-linearity) or (non adj linearity)) or exponential or exponentially	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/10 14:39
-	286	((((phase or freq or frequency) near2 (detector)) or "PFD") and (388/800,805,812,813,814,820.ccls. or 318/138,254,439.ccls.)) not (((phase or freq or frequency) near2 (detector)) or "PFD") and (388/800,805,812,813,814,820.ccls. or 318/138,254,439.ccls.)) and (((non-linear) or (non adj linear) or (non-linearity) or (non adj linearity)) or exponential or exponentially))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/10 14:39
-	14	((((phase or freq or frequency) near2 (detector)) or "PFD") and (388/800,805,812,813,814,820.ccls. or 318/138,254,439.ccls.)) and (((non-linear) or (non adj linear) or (non-linearity) or (non adj linearity)) or exponential or exponentially)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/10 15:14
-	1646	318/437,608,621,632.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/10 15:14
-	97	((phase or freq or frequency) near2 (detector)) or "PFD" and 318/437,608,621,632.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/10 15:14
-	5	((((phase or freq or frequency) near2 (detector)) or "PFD") and 318/437,608,621,632.ccls.) and (((non-linear) or (non adj linear) or (non-linearity) or (non adj linearity)) or exponential or exponentially)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/10 15:15

-	108	388/911.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/10 15:15
-	8142	(388/800,805,812,813,814,820.ccls. or 318/138,254,439.ccls.) or 318/437,608,621,632.ccls. or 388/911.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/10 15:15
-	25335	least adj square	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/10 15:16
-	22	((388/800,805,812,813,814,820.ccls. or 318/138,254,439.ccls.) or 318/437,608,621,632.ccls. or 388/911.ccls.) and (least adj square)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/10 15:19
-	1589	describing adj (equation or function)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/10 21:06
-	174	(estimation or estimating) adj (linear or linearity or linearities)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/10 21:07
-	695667	fitting	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/10 15:20
-	697320	(describing adj (equation or function)) or ((estimation or estimating) adj (linear or linearity or linearities)) or fitting	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/10 15:20
-	137	((388/800,805,812,813,814,820.ccls. or 318/138,254,439.ccls.) or 318/437,608,621,632.ccls. or 388/911.ccls.) and ((describing adj (equation or function)) or ((estimation or estimating) adj (linear or linearity or linearities)) or fitting)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/10 16:03
-	115819	318/\$.ccls. or 388/\$.ccls. or 700/\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/10 16:04
-	1763	(describing adj (equation or function)) or ((estimation or estimating) adj (linear or linearity or linearities))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/10 16:04
-	108	((318/\$.ccls. or 388/\$.ccls. or 700/\$.ccls.) and ((describing adj (equation or function)) or ((estimation or estimating) adj (linear or linearity or linearities)))) not (((388/800,805,812,813,814,820.ccls. or 318/138,254,439.ccls.) or 318/437,608,621,632.ccls. or 388/911.ccls.) and ((describing adj (equation or function)) or ((estimation or estimating) adj (linear or linearity or linearities)) or fitting))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/10 17:29
-	277	((388/800,805,812,813,814,820.ccls. or 318/138,254,439.ccls.) or 318/437,608,621,632.ccls. or 388/911.ccls.) and (((phase or freq or frequency) near2 (detector)) or "PFD") and (compare or compared or comparator or comparing or subtract or subtractor or subtracted or subtracting))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/10 17:32
-	2721339	compare or compared or comparator or comparing or subtract or subtractor or subtracted or subtracting or error	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/10 17:31

-	19839	((phase or freq or frequency) near2 (detector)) or "PFD" same (compare or compared or comparator or comparing or subtract or subtractor or subtracted or subtracting or error)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/10 17:31
-	194	((388/800,805,812,813,814,820.ccls. or 318/138,254,439.ccls.) or 318/437,608,621,632.ccls. or 388/911.ccls.) and (((phase or freq or frequency) near2 (detector)) or "PFD" same (compare or compared or comparator or comparing or subtract or subtractor or subtracted or subtracting or error))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/10 20:28
-	5427	((phase or frequency or freq) adj detector).ti.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/10 20:29
-	0	((describing adj (equation or function)) or ((estimation or estimating) adj (linear or linearity or linearities))) and (((phase or frequency or freq) adj detector).ti.)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/10 20:29
-	211	(digital near (phase or frequency or freq) adj detector).ti.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/10 20:59
-	544	((phase or freq or frequency) near2 (detector)) or "PFD" same (transfer adj function)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/10 20:59
-	7	((phase or freq or frequency) near2 (detector)) or "PFD" same (transfer adj function)) and 388/\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/10 21:00
-	23	((phase or freq or frequency) near2 (detector)) or "PFD" same (transfer adj function)) and (388/\$.ccls. or 318?\$.ccls.)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/10 21:00
-	41	describing adj (equation or function)	EPO; JPO	2004/08/10 21:06
-	5	(estimation or estimating) adj (linear or linearity or linearities)	EPO; JPO	2004/08/10 21:07
-	46	(describing adj (equation or function)) or ((estimation or estimating) adj (linear or linearity or linearities))	EPO; JPO	2004/08/10 22:04
-	629740	model or modeled or modeling	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/10 22:04
-	9032	((non-linear) or (non adj linear) or (non-linearity) or (non adj linearity)) or exponential or exponentially) same (model or modeled or modeling)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/10 22:05
-	205	((phase or freq or frequency) near2 (detector)) or "PFD" and (((non-linear) or (non adj linear) or (non-linearity) or (non adj linearity)) or exponential or exponentially) same (model or modeled or modeling))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/11 20:40
-	2	(318/\$.ccls. or 388/\$.ccls. or 700/\$.ccls.) and (((phase or freq or frequency) near2 (detector)) or "PFD" and (((non-linear) or (non adj linear) or (non-linearity) or (non adj linearity)) or exponential or exponentially) same (model or modeled or modeling))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/10 22:06

-	35	motor and (((phase or freq or frequency) near2 (detector)) or "PFD") and (((non-linear) or (non adj linear) or (non-linearity) or (non adj linearity)) or exponential or exponentially) same (model or modeled or modeling))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/10 22:31
-	2	4549123.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/10 22:31
-	57558	((phase or freq or frequency) near2 (detector)) or "PFD")	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/11 20:40
-	206700	tune or tuning or tuned	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/11 20:40
-	1204	388/805,812,813,814,820,832.ccls. or 388/911.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/11 20:58
-	8	((((phase or freq or frequency) near2 (detector)) or "PFD")) and (tune or tuning or tuned) and (388/805,812,813,814,820,832.ccls. or 388/911.ccls.)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/11 20:40
-	6611	388/\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/11 20:59
-	2	(((((phase or freq or frequency) near2 (detector)) or "PFD")) and (tune or tuning or tuned) and 388/\$.ccls.) not (((phase or freq or frequency) near2 (detector)) or "PFD")) and (tune or tuning or tuned) and (388/805,812,813,814,820,832.ccls. or 388/911.ccls.)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/11 22:02
-	112	(digital near2 (phase adj2 detector)) and (digital near2 (loop adj filter))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/11 22:03
-	5	((digital near2 (phase adj2 detector)) and (digital near2 (loop adj filter))) and servo	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/11 22:04